I claim:

1. An apparatus for the release of an active fluid agent comprising:

a reservoir of active agent;

a compound selective polymer in proximity to said reservoir;

a release orifice in said reservoir, said compound selective polymer experiencing a change of shape upon detection of a target compound, said change of shape exerting pressure on said reservoir causing said active agent to exit said reservoir through said release orifice.

2. The apparatus of claim 1 wherein said change of shape is an expansion.

3. The apparatus of claim 1 wherein said change of shape is a contraction.

4. The apparatus of claim 1 wherein said compound selective polymer is a polystyrene.

5. The apparatus of claim 1 wherein said compound selective polymer is a polyalphmethylstyrene.

6. An apparatus for the release of an active fluid agent comprising:

means for holding a quantity of an active fluid agent;

means for releasing said active fluid agent into a surrounding environment upon detection of presence of a predetermined target compound, said means for releasing comprising a compound selective polymer.

7. The apparatus of claim 6 wherein said means for releasing said active fluid agent further comprises an orifice.

8. The apparatus of claim 6 wherein said means for releasing said active fluid agent is a polystyrene.

9. The apparatus of claim 6 wherein said means for releasing said active fluid agent is a polyalphamethylstyrene.

10. A method for releasing a an active fluid agent into an environment upon detection of a target compound comprising the steps of:

storing an active fluid agent in polymer reservoir;

said polymer reservoir expanding or contracting in a presence

of a target compound;

said expansion or contraction expelling a portion of said active fluid agent into said environment.

11. The method of claim 10 wherein said polymer is a polystyrene.

12. The method of claim 10 wherein said polymer is a polyalpha-methylstyrene.

13. The method of claim 10 wherein said active agent is a perfume compound.

14. An apparatus for releasing a sweet smelling compound into surrounding air in a room where odors are generated comprising a reservoir containing a volume of the sweet smelling compound, the reservoir being made from a special polymer which detects certain order causing compounds and contracts or expands in their presence, this contraction or expansion pushing the sweet smelling compound out of a small hole in the reservoir when the one of the odder causing compounds is present.

15. The apparatus of claim 14 where the sweet smelling compound is a perfume.

16. The apparatus of claim 15 where the special polymer is a

polystyrene.

17. The apparatus of claim 15 where the special polymer is a polyalphamethylstyrene.